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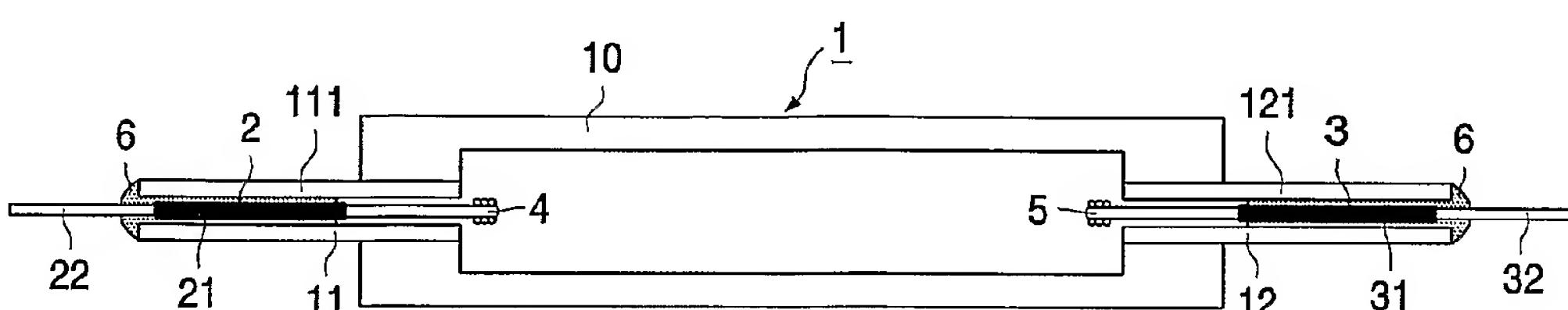
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(54) Title: VEHICLE HEADLAMP



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(57) Abstract: Vehicle headlamp provided with a metal halide lamp comprising a discharge vessel surrounded by an outer envelope with clearance and having a ceramic or quartz wall which encloses a discharge space containing Xenon (Xe) and a filling of ionizable particles, wherein in said discharge space two electrodes are arranged whose tips have a mutual interspacing so as to define a discharge path between them, with the special feature that said headlamp comprises means to vary the spatial distribution of the ionizable particles inside the discharge vessel, such that said spatial distribution changes along the axis of the metal halide lamp in the horizontal orientation of the metal halide lamp.